#### REMARKS

This paper is filed in response to the final Office Action mailed January 25, 2007, and the Advisory Action mailed May 4, 2007. Presently, Claims 1-10 and 14-17 are pending in the application. Claims 1, 3-10, and 14-17 have been examined and stand rejected. Claim 2 is objected to. Claims 2, 16, and 17 have been canceled. Reconsideration of amended Claims 1, 3-10, 14, and 15 is respectfully requested.

## The Advisory Action

The Advisory Action indicated that Claims 1, 3-10, 14, and 15 of the non-entered amendment mailed on April 25, 2007, would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claims. Accordingly, of the present pending claims, Claims 2, 16, and 17 have been canceled in favor of Claims 1, 3-10, 14, and 15.

#### Allowable Subject Matter

Claim 2 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The limitations of Claim 2 have been incorporated into the independent Claims 1, 14, and 15. The limitations of Claim 2 have already been searched and have been found allowable. Therefore, Claims 1, 14, and 15 should also be found allowable.

# The Rejection of Claims 16 and 17 Under 35 U.S.C. § 102(e)

Claims 16 and 17 are rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,826,830 (Egitto et al.).

Claims 16 and 17 have been canceled. Therefore, the rejection should be withdrawn.

#### The Rejection of Claims 1, 9, 14, and 15 Under 35 U.S.C. § 103(a)

Claims 1, 9, 14, and 15 are rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6.826.830 (Egitto et al.) with U.S. Patent No. 5,258,094 (Furui et al.).

Claims 1, 14, and 15 have been amended to incorporate the limitations of Claim 2. It is noted that Claim 2 has been found allowable, other than depending upon a rejected base claim. Accordingly, Claims 1, 14, and 15 should be allowable.

Therefore, the withdrawal of the rejection of Claims 1, 9, 14, and 15 is respectfully requested.

## The Rejection of Claims 1, 3-5, 7-10, and 14-17 Under 35 U.S.C. § 103(a)

Claims 1, 3-5, 7-10, and 14-17 are rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent Application Publication No. 2004/0194303 (Kim et al.) with U.S. Patent No. 6,826,830 (Egitto et al.) and U.S. Patent No. 5,258,094 (Furui et al.).

Claims 1, 14, and 15 have been amended to incorporate the limitations of Claim 2, which has been found allowable. Claims 16 and 17 have been canceled. Therefore, Claims 1, 14, and 15 should be allowable.

Accordingly, the withdrawal of the rejection is respectfully requested.

## The Rejection of Claim 6 Under 35 U.S.C. § 103(a)

Claim 6 is rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent Application Publication No. 2004/0194303 (Kim et al.) with U.S. Patent No. 6,826,830 (Egitto et al.) and U.S. Patent No. 5,258,094 (Furui et al.), as applied to Claim 1 above, and further in view of U.S. Patent No. 6,613,986 (Hirose).

Claim 6 depends from Claim 1. Claim 1 has incorporated the limitations of Claim 2, which has been found allowable. Therefore, Claim 6 must also be allowable. Accordingly, the withdrawal of the rejection is respectfully requested.

LAW OFFICES OF CHRISTENSEN OCONNOR, IOHNSON KINDNESS\*\*\* 1420 Fifth Avenue Suite 2800 Seattle, Washington 98101 266.682,8100

#### CONCLUSION

In view of the foregoing amendment, applicants submit that Claims 1, 3-10, 14, and 15 are allowable. If the Examiner has any further questions or comments, the Examiner is invited to contact the applicants' attorney at the number provided below.

Respectfully submitted,

CHRISTENSEN O'CONNOR JOHNSON KINDNESSPILC

Laura A. Cruz

Registration No. 46,649 Direct Dial No. 206.695.1725

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